AN

ALMANACK

AND

PROGNOSTICATION

FOR THE

Year of our Lord God, 1680.

BEING

The Bissextile or Leap-Year,

AND FROM

The Creation of the World, 5629.

Wherein is contain'd the state of the Year: The Eclipses, Lunations, Conjunctions, and Aspects of the Planets, with the Southing, Rising, and Setting of the Sun and Moon; and Planets Motions for every fifth day, and their Latitude for every tenth day: Also the encrease and decrease, and length of the Day and Night.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Burrough-Town of *Stamford* (formerly a famous University) whose Latitude is 52. degrees 40 minutes, fitting all the middle Counties of *England*, without sensible error the whole Kingdom.

By *William Readman*, a lover of the Mathematical and Astronomical Sciences.

LONDON, Printed by *R. E* for the Company of Stationers, 1680.

A Table of the four Terms and their Returns, 1680.

Hillary Term begins Jan. 23 ends Febr. 12.
and hath four Returns.

Octab. Hill. Jan.	21	Craſt. Purif. Febr.	3
Quind. Hill. Jan.	28	Octab. Pur. Feb.	10

Eaſter Term begins April 28 ends May the 24.
and hath five Returns.

Quind. Paſch. April	26	Quinq. Paſch. May	17
Tres Paſch. May	3		
Menſ. Paſch. May	10	Craſt. Aſcenſ. May	21

Trinity Term begins June 11 ends June the 30.
and hath four Returns.

Craſt. Trin. June	7	Quinq. Trin. June	21
Octab. Trin. June	14	Tres Trin. June	28

Michaelmas Term begins Oct. 23 ends Nov. 29.
and hath ſix Returns.

Tres Mich. Octob.	20	Craſt. Mar. Nov.	12
Menſ. Mich. Octob.	28	Octab. Mar. Nov.	19
Craſt. Anim. Nov.	4	Quind. Mar. Nov.	26

The Glorious Planet *Venus* is our bright Morning-Star, from the beginning of the Year until the 26 day of *Auguſt*, at which time ſhe makes her Conjunction with the Sun, and ſo becomes our Evening-Star the remaining part of the Year.

A plain and easie Table shewing the true Time of the Beginning, Continuance, and Year since the Reign of each King and Queen in *England*, since the Conquest until this present Year, 1680.

Kings and Qu. Names.	Began their Reigns	Reigned Year	Mo.	Days	Since they Reigned
Will. Conqu.	1066 Octob. 14	20	11	22	593 Septem. 9
Will. Rufus.	1087 Septem. 9	12	11	19	580 August. 1
Henry 1	1100 Aug. 2	35	4	11	545 Decem. 2
K. Stephen	1135 Decem. 2	18	11	19	526 Octob. 28
Henry 2	1154 Oct. 25	34	9	2	491 July 6
Richard 1	1189 July 6	9	9	0	481 April 6
King John	1199 April 6	17	7	0	464 Octob. 19
Henry 3	1216 Oct. 19	56	1	0	408 Nov. 16
Edward 1	1272 Nov. 16	34	8	6	373 July 7
Edward 2	1307 July 7	19	7	5	354 Jan. 25
Edward 3	1326 Jan. 25	50	5	7	309 June 21
Richard 2	1377 June 21	22	3	1	281 Septem. 29
Henry 4	1399 Sep. 29	13	6	3	267 March 20
Henry 5	1412 Mar. 20	9	5	24	258 Aug. 31
Henry 6	1422 Aug. 30	38	6	16	220 March 4
Edward 4	1460 Mar. 4	22	1	8	197 April 9
Edward 5	1471 April 9	0	2	18	197 June 22
Richard 3	1483 June 18	2	2	5	195 August 22
Henry 7	1485 Aug. 22	23	10	2	171 April 22
Henry 8	1508 April 22	37	10	2	134 Jan. 28
Edward 6	1547 Jan. 28	6	5	19	127 July 6
Queen Mary.	1553 July 6	5	4	22	122 Nov. 17
Q. Elizabeth	1558 Nov. 17	44	4	16	78 March 24
King James.	1602 Mar. 24	22	0	3	55 March 27
Charls 1	1625 Mar. 27	23	10	3	32 Jan. 30
Charls 2	1648 Jan. 30	Whom God grant long to Reign over us.			

A plain and exact Table ſhewing the true Intereſt, due upon any Sum of Money from one Shilling to a Hundred Pound, from a Day to a Year, after the rate of Six Pound in the Hundred.

	A d.	A week.	A month	3 months.	6 month	A year.
	d. c.	s. d. c.	s. d. c.	l. s. d. c.	l. s. d. c.	l. s. d. c.
S. 1	0. 0	0. 0. 1	0. 0. 6	0. 0. 0.18	0. 0.0.36	0. 0.0 72
2	0. 0	0. 0. 3	0. 0.12	0. 0. 0.36	0. 0.0.72	0. 0.1.44
3	0. 0	0. 0. 4	0. 0.18	0. 0. 0.54	0. 0.1. 8	0. 0.2.16
4	0. 0	0. 0. 5	0. 0.24	0. 0. 0.72	0. 0.1.44	0. 0.2.88
5	0. 1	0. 0. 7	0 0 30	0. 0. 0,90	0. 0.1.80	0. 0.3.60
6	0. 1	0. 0. 8	0. 0.36	0. 0. 1. 8	0. 0.2. 6	0. 0.4.32
7	0. 1	0. 0.10	0. 0.42	0. 0. 1.26	0. 0.2.52	0. 0.5. 4
8	0. 1	0. 0.11	0. 0.48	0. 0, 1.44	0. 0.2.83	0. 0.5.76
9	0. 1	0. 0.12	0. 0 54	0. 0. 1.62	0. 0.3.24	0. 0.6.48
10	0. 2	0. 0.13	0. 0.60	0. 0. 1.80	0. 0.3.60	0. 0.7.20
P. 1	0. 4	0. 0.27	0. 1.20	0. 0. 3.60	0. 0.7.20	0. 1.2.40
2	0. 8	0. 0.55	0. 2.40	0. 0. 7.20	0. 1.2.40	0. 2.4.80
3	0.12	0. 0.85	0. 3.60	0. 0.10.80	0. 1.9.60	0, 3.7.20
4	0.15	0. 1.10	0. 4.80	0. 1. 2.40	0. 2.4.80	0. 4.9.60
5	0.19	0. 1.38	0. 6.00	0. 1. 6.00	0. 3.0.00	0. 6.0 00
6	0.23	0. 1.65	0, 7 20	0. 1. 9.60	0. 3.7.20	0. 7.2.40
7	0.27	0. 1.93	0. 8.40	0. 2. 1.20	0. 4.2.40	0. 8.4.80
8	0.31	0. 2.21	0. 9.60	0. 2. 4.80	0. 4 9.60	0. 9.7.20
9	0.35	0. 2.48	0.10.80	0. 2. 8.40	0. 5.4.80	0.10.9.60
10	0.39	0. 2.76	1. 0.00	0. 3. 0.00	0. 6 0.00	0.12.0.00
20	0.79	0. 5.52	2. 0.00	0. 6. 0.00	0.12.0.00	1. 4.0.00
30	1.18	0. 8.28	3. 0.00	0. 9. 0.00	0.18.0.00	1.16.0.00
40	1.38	0.11. 4	4. 0.00	0.12. 0.00	1. 4.0.00	2. 8.0.00
50	1.97	1. 1.80	5. 0.00	0.13. 0,00	1.10.0.00	3. 0.0.00
60	2.36	1. 4.57	6. 0.00	0.18. 0.00	1.16.0.00	3.12 0.00
70	2.76	1. 7.33	7. 0.00	1. 1. 0.00	2. 2.0 00	4. 4.0.00
80	3.15	1.10. 9	8. 0.00	1. 4. 0.00	2. 8.0.00	4.16.0.00
90	3,55	2. 0.85	9. 0.00	1. 7. 0.00	2.14.0.00	5. 8.0.00
100	3.94	2. 3,61	10. 0.00	1.10. 0.00	3. 0.0.00	6. 0.0.00

The Uſe of the foregoing Table.

THe firſt Column containeth any number of Shillings, or Pounds (as you are directed) from one Shilling to a hundred Pound, againſt any of which Sums, there is ſet down the Intereſt thereof, for one, three, ſix Months, or a Year, according to the Titles.

And note for the more exactneſs the peny is divided into a hundred equal parts, ſo that twenty five parts make a farthing, and fifty parts make a half-peny, and ſeventy five parts is three farthings.

Example. Let it be required to find the Intereſt of 100 *l.* for nine Months one Week and one Day, is as followeth.

	L.	S.	D.	C.
Intereſt of 100 *l.* for ſix Months	03	00	00	00
Intereſt of 100 *l.* for one Week	00	02	03	61
Intereſt of 100 *l.* for one Day	00	00	03	94
Sum of all is 3 pound, 2 ſhillings, 7 pence, 2 farthings, and $\frac{1}{5}$ one fift part of a farthing.	03	02	07	55

The Characters of the ſeven Planets, with the Dragons Head and Tayl.

♄ Saturn, ♃ Jupiter, ♂ Mars, ☉ Sol, the Sun, ♀ Venus, ☿ Mercury, ☽ Luna, the Moon, ☊ Dragons-Head, ☋ Dragons-Tayl.

A plain and easie Table shewing the Golden Number, Epact, Cycle of the Sun, and Sunday Letter for ever; and Shrove-Sunday, Easter-Day, Rogation-Sunday Whit-Sunday and Advent-Sunday, for twenty eight Years.

Ann. Dom.	G.N	Epa.	S.Cy.	Lett.	Sund.	Shrove Sunday	Easter Day	Rogat. Sunday	Whit-Sunday	Advent Sunday
1680	9	9	9	D	C	Febr. 22	Apr. 11	May 16	May 30	Nov. 28
1681	10	20	10		B	Febr. 13	Apr. 3	May 8	May 22	Nov. 27
1682	11	1	11		A	Febr. 26	Apr. 16	May 21	Jun. 4	Dec. 3
1683	12	12	12		G	Febr. 18	Apr. 8	May 13	May 27	Dec. 2
1684	13	23	13	F	E	Febr. 10	Mar. 30	May 4	May 18	Nov. 30
1685	14	4	14		D	Mar. 1	Apr. 19	May 24	Jun. 7	Nov. 29
1686	15	15	15		C	Febr. 14	Apr. 4	May 9	May 23	Nov. 28
1687	16	26	16		B	Febr. 6	Mar. 27	May 1	May 15	Nov. 27
1688	17	7	17	A	G	Febr. 26	Apr. 15	May 20	Jun. 3	Dec. 2
1689	18	18	18		F	Febr. 10	Mar. 31	May 5	May 19	Dec. 1
1690	19	29	19		E	Mar. 2	Apr. 20	May 25	Jun. 8	Nov. 30
1691	1	11	20		D	Febr. 22	Apr. 12	May 17	May 31	Nov. 29
1692	2	22	21	C	B	Febr. 7	Mar. 27	May 1	May 15	Nov. 27
1693	3	3	22		A	Febr. 26	Apr. 16	May 21	Jun. 4	Dec. 3
1694	4	14	23		G	Febr. 18	Apr. 8	May 13	May 27	Dec. 2
1695	5	25	24		F	Febr. 3	Mar. 24	Apr. 28	May 12	Dec. 1
1696	6	6	25	E	D	Febr. 23	Apr. 12	May 17	May 31	Nov. 29
1697	7	17	26		C	Febr. 14	Apr. 4	May 9	May 23	Nov. 28
1698	8	28	27		B	Mar. 6	Apr. 24	May 29	Jun. 12	Nov 27
1699	9	9	28		A	Febr. 19	Apr. 9	May 14	May 28	Dec. 3
1700	10	20	1	B	F	Febr. 11	Mar. 31	May 5	May 19	Dec. 1
1701	11	1	2		E	Mar. 2	Apr. 20	May 25	Jun. 8	Nov. 30
1702	12	12	3		D	Febr. 15	Apr. 5	May 10	May 24	Nov. 29
1703	13	23	4		C	Febr. 7	Mar. 28	May 2	May 16	Nov. 28
1704	14	4	5	B	A	Febr. 27	Apr. 16	May 21	Jun. 4	Dec. 3
1705	15	15	6		G	Febr. 18	Apr. 8	May 13	May 27	Dec. 2
1706	16	26	7		F	Febr. 3	Mar. 24	Apr. 28	May 12	Dec. 1
1707	17	7	8		E	Febr. 23	Apr. 12	May 18	Jun. 1	Nov 30

This Table is so plain and easie that it needs no more Explanation then the bare Titles.

The Uſe of the Diary, or Almanack.

IN the top of the left hand Page is the Latitude of the five Planets, *Saturn*, *Jupiter*, *Mars*, *Venus*, *Mercury*: in the firſt Column, towards the left hand, are the Days of the Month; the ſecond, the Days of the Week, D being Sunday Letter, until Saint *Matthias*; and then C the remaining part of the Year: in the third, you have the Feaſts and Terms, with the Length of Days, and Encreaſe and Decreaſe; which I did chuſe the rather to ſet down, that the vulgar errors might the more plainly appear, it being received that the days are encreaſed one hour at *Twelfth-day*, and three hours at *Candlemas*, which opinion is falſe; for *Twelfth-day* is but 38 minutes longer than the ſhorteſt day, and *Candlemas-day*, is longer then the ſhorteſt day but two hours and 10 minutes. In the fourth is the place of the Sun; in the fifth is the Moons place; in the ſixth is the Moons Latitude; where note, N ſtands for North; and S for South; A for aſcending; D for deſcending: in the ſeventh, are the days of the moneth; in the eighth, is the Suns Riſing; in the ninth, is the Suns Setting in the Latitude of *Stamford*.

In the top of the right hand Page are the places of the Planets, *Saturn*, *Jupiter*, *Mars*, *Venus*, *Mercury*, and *Dragons-head*, for every fifth day at Noon, and Moons Riſing and Setting. Note where you ſee ☾ ſ. ſheweth her ſetting; and ☾ r. her riſing; where note, Aft. is for Afternoon, Mor. for Morning. From the Full to the Change, you have her Riſing, and from the Change to the Full again, you have her Setting.

In the firſt column you have the days of the month; in the ſecond you have the days of the week; in the third is full Sea at *London* Bridge; in the fourth you have the Moons coming to the South, which you may know; as the fifth column directs you whether morning or afternoon: in the ſixth you have the Changes, Fulls, and Quarters of the Moon, with the

the Planets Aſpects, and Change of Weather, ſo near as Mortals are able to approach. Alſo in this column you have the time when the Moon will be with the Planets, whereby they may be known, by obſerving when the Moon is with them.

How to find the Planets places for any day at Noon; becauſe you have their places but for every fifth day.

FIrſt, find their Diurnal Motion, which is eaſily obtained if Direct, by ſubſtracting their places the firſt day from their places the ſixth day, or the ſixth day from the eleventh day; but if Retrograde the contrary, *viz.* the ſixth day from the firſt, or the eleventh day from the ſixth.

Example. The eleventh of *January* I find *Mars* in 6 degrees 51 minutes, and the ſixth day in 2 degrees 55 minutes of *Aquarius*; then ſubſtracting his place the ſixth day from his place the eleventh day, I find his diurnal motion 3 degrees 56 minutes. Then to find his true place the eighth day, ſay (by the Rule of Three Direct) if five days give 3 degrees 56 minutes, or 236 minutes, what ſhall two days give, multiply 236 by 2, and divide by 5, and you ſhall find the Quotient to be 94 minutes, or 1 degree 34 minutes, and this added to 2 degrees 55 minutes, it maketh 4 degrees 29 minutes, and that is the true place of *Mars* the eighth day; but if you deſire to know their true places for any hour of the day or night, find their diurnal motion as before, then ſay, if 1 day or 24 hours gives ſo many degrees or minutes, what ſhall the propoſed time give. So with practiſe, better than many words, may their places be found very near the Truth.

Month Days	Week Days	M D	Lat. ♄ South	Lat. ♃ South	Lat. ♂ South	Lat. ♀ North	Lat. ☿ North
		1	0 49	1 7	4 4	2 1	0 55
		11	0 A 47	1 A 41	D 4 4	D 3 5	3 D 23
		21	0 46	1 11	5 3	3 5	2 4

Month Days	Week Days	Holy Days.	Suns place	Moons Signs	Moons Lat.	M D	Suns rising	Suns sett.
1	♁	New years day.	21 ♑ 9	23 ♉ 37	3 ♉ 11	1	8 8	3 52
2	♄		22 20	8 ♊ 4	4 2	2	8 6	3 54
3	☾		23 21	22 10	4 39	3	8 4	3 56
4	☽		24 22	6 ♋ 9	4 57	4	8 3	3 57
5	♀	day encreased	25 24	19 55	5 A 9	5	8 2	3 58
6	☿	Twelfth day.	26 25	3 ♌ 26	4 42	6	8 0	4 0
7	♂	38 minutes.	27 26	16 36	4 11	7	7 59	4 1
8	♃		28 27	29 28	3 27	8	7 57	4 3
9	♄		29 28	11 ♍ 59	2 35	9	7 55	4 5
10	☾		0 ♒ 30	24 13	1 36	10	7 54	4 6
11	☽	1 p. Epiph.	1 31	6 ♎ 13	0 34	11	7 52	4 8
12	♂		2 32	18 10	N 27	12	7 51	4 9
13	☿		3 33	29 50	1 19	13	7 49	4 11
14	♀	days 8 hours 24	4 34	11 ♏ 36	2 26	14	7 48	4 12
15	♁	min. long.	5 35	23 31	3 18	15	7 46	4 14
16	♄		6 36	5 ♐ 37	4 2	16	7 45	4 15
17	☾		7 37	18 1	4 36	17	7 43	4 17
18	☽	2 p. Epiph.	8 38	0 ♑ 34	4 D 56	18	7 41	4 19
19	♂		9 39	13 50	5 0	19	7 39	4 21
20	☿		10 40	27 18	4 52	20	7 38	4 22
21	♀	day encreased	11 41	11 ♒ 8	4 35	21	7 36	4 24
22	♁	1 ho. 26. min.	12 42	25 13	3 40	22	7 35	4 25
23	♄	Term begins.	13 43	9 ♓ 29	2 42	23	7 33	4 27
24	☾		14 44	23 50	1 32	24	7 31	4 29
25	☽	3 p. Epiph.	15 45	8 ♈ 12	0 S 17	25	7 29	4 31
26	♂		16 46	22 50	0 58	26	7 27	4 33
27	☿	day encreased	17 46	6 ♉ 42	2 10	27	7 25	4 35
28	♀	1 ho. 50 min.	18 47	20 45	3 14	28	7 24	4 36
29	♁		19 48	4 ♊ 42	4 6	29	7 22	4 38
30	♄	K. *Charls* Mar.	20 48	18 30	4 42	30	7 20	4 40
31	☾		21 49	2 ♋ 10	5 3	31	7 18	4 42

M D	♄		♃		♂		♀		☿		☊		☾ rising & setting.
1	4	♋ 2	1	♉ 13	28	♍ 39	6	♐ 16	7	♒ 8	13	♎ 52	2 ☾ s.m. 59
6	3	♌ 39	1	33	2	♒ 55	10	30	5	♑ 0	13	37	4 ☾ r.a. 58
11	3	18	1	56	6	51	15	2	29	♍ 0	13	21	10 aſt. 38
16	2	59	2	26	10	48	19	48	23	♍ 24	13	5	3 mor. 18
21	2	4	2	58	14	45	24	45	21	18	12	49	New M.
26	2	26	3	3	18	42	29	53	22	D 24	12	33	11 ☾ s.a. 40

M D	W	Full Sea		Moon South		
1	♃	1	28	8	15	
2	♄	12	13	9	7	Afternoon
3	♂	0	13	10	4	
4	D	1	10	11	3	
5	♀	2	9	12	2	
6	☿	3	8	0	2	
7	☋	3	59	0	53	
8	☊	4	56	1	50	
9	♄	5	34	2	28	
10	♂	6	18	3	12	
11	D	6	57	3	51	
12	♀	7	40	4	3	
13	☿	8	21	5	17	Morning
14	☋	9	7	6	1	
15	☊	9	51	6	47	
16	♄	10	42	7	36	
17	♃	11	29	8	23	
18	D	12	20	9	14	
19	♀	1	49	9	58	
20	☿	2	2	10	56	
21	☋	2	56	11	50	
22	☊	3	46	12	40	
23	♄	4	39	1	33	
24	♂	5	35	2	29	
25	D	6	27	3	21	Afternoon
26	♀	7	21	4	17	
27	☿	8	14	5	8	
28	☋	9	9	6	3	
29	☊	10	4	6	58	
30	♄	10	49	7	43	
31	♂	11	49	8	43	

Aſpects and change of Weather.

The year begins with cold, cloudy weather inclining to rain or ſnow. ☌ ♀ ☾ (10 min.

□ ♃ ♂ 3 p.
Full Moon at 10 at night.

♂ ☌ ♅ 5 p. Froſt and ſnow, with high winds about this time.
The fourth day at 6 in the morning Saturn is with the Moon.

Laſt Quarter 23 m. paſt 8 at night.
□ ☾ ♂ 4 min.

At 6 at night Venus is with the Moon ☌ ♄ ☾ 4 p.

At 1 in the morn. Mercury is with the New Moon 59 m. paſt noon. (Moon.
The 21 day Mars is with the Moon, at 6 at night.

Converſion of St. Paul.

At 6 in the mor. Jupit. is with the M.
Firſt Quarter 27 m. paſt 8 in the mor.
Snow or cold rain laſting for a ſeaſon.

Month Days	Week Days	M D	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ North.	Lat. ☿ North.
		1	0 44	0 58	1 4	2 52	0 D 37
		11	0 A 42	0 A 56	1 A 3	2 D 7	0 South 55
		21	0 40	0 54	1 1	1 21	1 54

		Holy Days	Suns Place	Moons Signs	Moons Lat.	M D	Suns rising	Suns sett.
1	D	4 p. Epiph.	22 50	15 ♋ 41	5 S 6	17	16	4 44
2	e	Candlemas.	23 51	29 1	4 52	27	14	4 46
3	f		24 51	12 ♌ 8	4 23	37	12	4 48
4	g	Days encreased	25 52	25 1	3 41	47	10	4 50
5	a	2 hours 14 min.	26 52	7 ♍ 37	2 48	57	8	4 52
6	b		27 53	19 59	1 49	67	6	4 54
7	c		28 53	2 ♎ 9	0 45	77	4	4 56
8	D	Septuages.	29 54	14 9	0N 18	87	2	4 58
9	e		0 ♈ 54	26 1	1 22	97	0	5 0
10	f	Days 10 hours	1 55	7 ♏ 48	2 24	10	6 58	5 2
11	g	4 minutes.	2 55	19 37	3 25	11	6 56	5 4
12	a	Term ends	3 55	1 ♐ 31	4 1	12	6 54	5 6
13	b		4 56	13 36	4 37	13	6 52	5 8
14	c	Valentine.	5 56	25 57	5 1	14	5 50	5 10
15	D	Sexages.	6 56	8 ♑ 39	5 11	15	6 48	5 12
16	e		7 57	21 46	5D 5	16	6 46	5 14
17	f	day encreased 3	8 57	5 ♒ 19	4 41	17	6 44	5 16
18	g	hours 10 min.	9 57	19 16	4 3	18	6 42	5 18
19	a		10 57	3 ♓ 36	3 7	19	6 40	5 20
20	b		11 57	18 17	1 57	20	5 38	5 22
21	c		12 57	3 ♈ 5	0 30	21	6 36	5 24
21	D	Quinquages.	13 57	17 52	0S 41	22	6 34	5 26
23	e		14 57	2 ♉ 36	1 59	23	6 32	5 28
24	f	Shrove. Tuesd.	15 57	17 9	3 8	24	6 30	5 30
25	f	Ash-Wednes.	16 57	1 ♊ 25	4 5	25	6 29	5 31
26	g	Day encreased	17 57	15 25	4 45	26	6 27	5 33
27	a	3 hours 48 min.	18 57	29 24	5 9	27	6 25	5 35
28	b		19 57	13 ♋ 35	5A 14	28	6 23	5 37
29	c	Quadrages.	20 56	25 45	5 3	29	6 21	5 39

M D	♄		♃		♂		♀		☿		☊		☾ rising & setting.
1	2 ♋	11	4	♉ 24	24	♒ 27	6	♍ 14	26	♍ 37	12	♎ 14	5 ☾ f.m. 29
6	2 ℞	1	5	9	27	24	11	38	1	♒ 42	11	58	6 ☾ r.af. 37
11	1	54	5	56	1	♓ 21	17	8	7	40	11	42	11 noon 54
16	1	50	6	47	5	18	22	8	14	20	11	26	4 morn. 54
21	1	48	7	40	9	14	28	20	21	32	11	10	7 ☾ f.af. 35
26	1 D	49	8	36	13	10	4	♒ 1	29	14	10	54	1 morn. 24

M D	W D	Full Sea		Moon South.			Aspects and change of Weather.
1	☽	12	49	9	43		Fair, but windy, this week.
2	e	0	49	10	27	Afternoon	
3	f	1	33	11	26		☿ ☌ ♂ 5 p.
4	g	2	32	12	14		Full Moon 1 min. past 2 in the morning.
5	a	3	20	0	14		
6	b	4	3	0	57		
7	c	4	47	1	41		
8	☽	5	30	2	24		High winds drive rain or snow about
9	e	6	14	3	8		this time.
10	f	6	59	3	53		△ ♄ ☉
11	g	7	43	4	37		
12	a	8	30	5	24		Last Quarter 58 minutes past 3 in the afternoon.
13	b	9	17	6	11	Morning	
14	c	10	8	7	2		
15	☽	10	59	7	53		
16	e	11	57	8	51		Venus is with the Moon, at 2 afternoon
17	f	12	43	9	37		Rain or moist
18	g	1	37	10	31		Mercury is with the ☾ 10 in the morn.
19	a	2	32	11	26		Mars is with the Moon at 8 at night.
20	b	3	25	12	19		New Moon at 57 min. in the morning
21	c	4	20	1	14		weather now about.
22	☽	5	17	2	11		
23	e	6	11	3	5		Jupiter is with the Moon at 11 at ni.
24	f	7	6	4	0	Afternoon	
25	g	8	2	4	56		Saint Matthias Apostle.
26	g	8	58	5	52		First Quarter 36 min. past 3 afternoon
27	a	9	55	6	49		Saturn is with the Moon 4 afternoon.
28	b	10	54	7	48		
29	c	11	42	8	36		Snow or rain ends the month.

Month Days	Week Days	MD	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ North.	Lat. ☿ South.
		1	0 39	0 52	0 59	0 41	2 14
		11	0 A 37	0 A 51	0 A 56	0 A 0	1 A 55
		21	0 35	0 49	0 52	0 37	0 47

		Holy Days	Suns Place	Moons Signs	Moons Lat.	MD	Suns rising	Suns sett.
1	D	David B.	21 56	8 ♌43	4 S 37	1	6 19	5 41
2	E	Chad b.	22 56	21 26	3 57	2	6 17	5 43
3	F	Days encreased	23 56	3 ♍57	3 6	3	6 15	5 45
4	G	4 hours 12 min.	24 55	16 18	2 7	4	6 13	5 47
5	A		25 55	28 50	1 3	5	6 11	5 49
6	B		26 54	10♎32	0 N 1	6	6 9	5 51
7	C	2 Sun Lent.	27 54	22 27	1 7	7	6 6	5 54
8	D		28 53	4 ♏20	2 9	8	6 4	5 56
9	E	The ninth day	29 53	16 8	3 6	9	6 2	5 58
10	F	Sol enters Aries	0 ♈52	27 59	3 55	10	6 0	6 0
11	G	making equal	1 52	9 ♐55	4 34	11	5 58	6 2
12	A	day and night	2 51	22 1	5 1	12	5 56	6 4
13	B	12 hours long.	3 50	4 ♑7	5 14	13	5 53	6 7
14	C	3 Sun Lent.	4 50	16 59	5 D13	14	5 51	6 9
15	D		5 49	29 58	4 57	15	5 49	6 11
16	E		6 48	13♒25	4 25	16	5 47	6 13
17	F	Day 12 hours	7 47	27 20	3 36	17	5 45	6 15
18	G	30 minutes.	8 46	11 ♓42	2 31	18	5 43	6 17
19	A		9 45	26 27	1 15	19	5 41	6 19
20	B		10 44	11♈29	0 S 6	20	5 39	6 21
21	C	Mid-Lent.	11 43	26 38	1 29	21	5 37	6 23
22	D	Days encreased	12 42	11♉46	2 46	22	5 35	6 25
23	E	5 hours 32 min	13 41	26 41	3 50	23	5 33	6 27
24	F		14 40	11♊16	4 37	24	5 31	6 29
25	G	Lady-Day.	15 39	25 30	5 5	25	5 28	6 32
26	A		16 38	9 ♋16	5 16	26	5 26	6 34
27	B		17 37	22 41	5 A 9	27	5 24	6 36
28	C	5 Sun Lent.	18 36	5 ♌44	4 46	28	5 22	6 38
29	D		19 34	18 28	4 9	29	5 20	6 40
30	E	Days 13 hours	20 33	0 ♍56	3 20	30	5 18	6 42
31	F	24 minutes.	21 32	13 15	2 23	31	5 16	6 44

M D	♄	♃	♂	♀	☿	☊	☾ rising & setting.
1	12 52	9 ♉ 23	16 ♓ 18	8 ♒ 37	5 ♓ 45	10 ♎ 42	4 ☾ s.m. 43
6	1 D 59	10 23	20 13	14 23	14 20	10 26	7 ☾ r.af. 25
11	2 8	11 24	24 7	20 12	23 26	10 10	11 mor. 59
16	2 20	12 28	28 1	26 23	3 ♈ 5	9 54	3 morn. 57
21	2 34	13 33	1 ♈ 53	1 ♓ 54	13 13	9 38	7 ☾ s.aft. 40
26	2 51	14 39	5 45	7 48	23 37	9 22	1 morn. 35

M D	W D	Full Sea	Moons Southing.		Aſpects and change of Weather.
1	♉	2 35	9 29	Afternoon	Fair and temperate weather moſt part
2	♌	☽ 35	10 13		☐ ♃ ♀ 8 m. (of this week.
3	♍	☾ 19	11 2		
4	♎	☽ 8	11 46		
5	♏	☽ 52	12 30		Full Moon 39 min. paſt 6 in the mor.
6	♐	☽ 36	☽ 30		
7	♑	☽ 19	☾ 9		
8	♉	☽ 55	☾ 53		
9	♌	☾ 46	☽ 40		
10	♍	6 32	3 26		Dry, winds inclining to froſt or ſnow,
11	♎	7 19	☽ 13	Morning	☐ ☉ ♄ 7 p. (in this week.
12	♏	8 7	☾ 1		♂ ♂ ☿ 4 m.
13	♐	8 56	☾ 50		Laſt Quarter 55 min. paſt. 9 in the
14	♑	9 49	☾ 43		morning.
15	♉	10 35	7 33		
16	♌	11 31	8 25		
17	♍	12 23	9 17		At noon, Venus with the Moon.
18	♎	1 19	10 13		A turbulent moiſt air,
19	♏	2 11	11 5		Mars is with the Moon, at 8 at night.
20	♐	3 6	12 0		New Moon 20 min. paſt 10 in the
21	♑	4 30	57		morning.
22	♉	5 11	55		20 day at noon Mercury is with the
23	♌	6 02	54		Moon; 22 day, 4 aftern. Jupiter is
24	♍	6 593	53		with the Moon; at 12 at night, Sa-
25	♎	7 574	51		turn is with the Moon.
26	♏	8 54	☾ 48	Afternoon	Firſt Quarter 26 min. paſt 11 at ni.
27	♐	9 ☾ 46	6 48		Winds and rain about this time.
28	♑	10 40	7 34		
29	♉	11 27	8 21		
30	♌	12 15	9 9		
31	♍	0 159	54		

Month Days	Week Days	M D	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ North.
		1	♌ A 34	♌ A 48	♌ A 47	♍ D 8	♍ A 9
		11	♍ 32	♌ 46	♎ 42	♍ 29	♎ 29
		21	♎ 31	♎ 45	♎ 37	♎ 41	♎ D 21

		Holy Days	Suns Place	Moons Signs	Moons Lat.	M D	Suns rising	Suns sett.
1	♑	Days encreased	22 30	25 ♏ 20	1 21	1	5 14	6 46
2	♒	6 hours 14 min.	23 29	7 ♐ 20	0 15	2	5 12	6 48
3	♓		24 27	19 15	0 N 49	3	5 10	6 50
4	♈	Palm-Sunday.	25 26	1 ♑ 7	1 52	4	5 8	6 52
5	♉		26 24	12 59	2 50	5	5 6	6 54
6	♊		27 23	24 51	3 42	6	5 4	6 56
7	♋	Day 13 hours	28 21	6 ♒ 46	4 23	7	5 2	6 58
8	♌	56 minutes.	29 20	18 48	4 53	8	5 0	7 0
9	♍		0 ♉ 18	0 ♓ 58	5 9	9	4 58	7 2
10	♎		1 16	13 20	5 14	10	4 56	7 4
11	♏	Easter-Day.	2 15	25 57	5 D 1	11	4 54	7 6
12	♐		3 13	8 ♈ 52	4 35	12	4 52	7 8
13	♑	Day encreased	4 11	22 10	3 53	13	4 50	7 10
14	♒	7 hours.	5 9	5 ♉ 54	2 56	14	4 49	7 11
15	♓	Day 14 hours	6 7	20 6	1 47	15	4 47	7 13
16	♈	26 minutes.	7 6	4 ♊ 42	0 S 29	16	4 45	7 15
17	♉		8 4	19 42	0 52	17	4 43	7 17
18	♊	Low-Sunday.	9 2	4 ♋ 54	2 11	18	4 41	7 19
19	♋		10 0	28 11	3 21	19	4 39	7 21
20	♌	Day 14 hours	10 58	5 ♌ 20	4 16	20	4 38	7 22
21	♍	44 minutes.	11 56	20 13	4 53	21	4 36	7 24
22	♎		12 54	4 ♍ 41	5 10	22	4 34	7 26
23	♏	Saint George.	13 52	18 40	5 A 7	23	4 32	7 28
24	♐		14 49	2 ♎ 10	4 47	24	4 30	7 30
25	♑	St. Mark Evan.	15 47	15 13	4 15	25	4 28	7 32
26	♒		16 45	27 52	3 27	26	4 27	7 33
27	♓		17 43	10 ♏ 15	2 33	27	4 25	7 35
28	♈	Term begins.	18 41	22 22	1 32	28	4 23	7 37
29	♉	Day encreased	19 38	4 ♐ 20	0 N 28	29	4 22	7 38
30	♊	7 hours 58 min.	20 36	16 13	0 35	30	4 20	7 40

M D.	♄	♃	♂	♀	☿	☊	☾ rising & setting.
1	3 ♋ 15	16 ♉ 0	10 ♈ 20	14 ♓ 50	5 ♉ 47	9 ♒ 3	4. ſ.m. 48
6	3 36	17 8	14 10	20 40	14 45	8 47	9. r.af. 43
11	4 0	18 17	17 58	26 45	22 6	8 31	1. mor. 40
16	4 26	19 27	21 45	2 ♈ 44	27 26	8 16	3. 30
21	4 54	20 37	25 32	8 42	0 ♊ 38	8 0	11. ſ.af. 23
26	5 25	21 48	29 16	14 41	1 38	7 44	1. mor. 54

M. D.	W D.	Full Sea.	Moons Southing.		Aſpects and Change of Weather.
1	♆	1 0	10 3	Aft.	Fair, Warm, and Temperate Weather at the beginning.
2	♄	1 43	11 21		
3	♃	2 27	12 4		Full Moon 25 min. paſt 11 at Night.
4	☾	3 10	0 4		
5	♂	3 52	0 45		
6	♀	4 39	1 33		
7	☿	5 27	2 21		Some Winds in this week, it may be
8	♆	6 14	3 8		♂ ♃ ☿ 6 m. ſome Hail-ſtorms
9	♄	7 3	3 57		
10	♃	7 51	4 45	Morning.	
11	☾	8 42	5 36		Laſt Quarter 54 Min. after 12 at Night
12	♂	9 35	6 29		
13	♀	10 21	7 15		Towards the latter end of this week,
14	☿	11 14	8 8		expect ſome cold Rain, or cloudy
15	♆	12 5	8 59		Weather.
16	♄	1 2	9 56		*Venus* is with the Moon at 8 in the Mor
17	♃	1 57	10 51		*Mars* is with the Moon at 6 at Night.
18	☾	2 52	11 46		New Moon 17 min. after 6 at Night.
19	♂	3 50	12 44		At Noon *Jupiter* is with the Moon.
20	♀	4 50	1 44		*Mercury* is with the Moon at 4 in the
21	☿	5 49	2 43		Morning.
22	♆	6 49	3 43		*Saturn* is with the Moon at 1 in the
23	♄	7 47	4 41		After-noon.
24	♃	8 38	5 32		
25	☾	9 29	6 23	After Noon.	Firſt Quarter 52 Minutes paſt 1 in the
26	♂	10 18	7 12		After-noon.
27	♀	11 1	7 55		A Turbulent and moiſt Air, perhaps
28	☿	11 45	8 39		ſome ſtorms of Hail.
29	♆	12 28	9 22		
30	♄	0 28	10 5		

M D	Lat. ♄ South.	Lat. ♀ South.	Lat. ♂ South.	Lat. ☿ South.	Lat. ☿ South.
1	0 30	0 44	0 31	1 D 45	0 D 26
11	0 A 28	0 A 44	0 A 25	1 42	2 21
21	0 27	0 43	0 19	1 31	3 57

Month Dayes.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	♄	Phil. & Jacob.	21 34	28 ♎ 31	N.37	1 4	18 7	42
2	☾	2. p. Easter.	22 32	9 ♏ 53	35	2 4	17 7	43
3	♂	days 15 ho.	23 29	21 47	27	3 4	15 7	45
4	☿	30 minutes	24 27	3 ♐ 46	10	4 4	14 7	46
5	♃	long.	25 24	15 50	42	5 4	12 7	48
6	♀	days increased	26 22	28 1	16	4	11 7	49
7	♄	8 hours	27 20	10 ♑ 21	D. 6	7 4	10 7	50
8	☾	18 minutes.	28 17	22 51	57	8 4	8 7	52
9	♂	4 after Easter.	29 15	5 ♒ 34	34	9 4	7 7	53
10	☿		☊ 12	18 31	56	10 4	6 7	54
11	♃	days 15 hours	1 9	1 ♓ 44	5	11 4	4 7	56
12	♀	52 minutes	2 7	15 19	21	12 4	3 7	57
13	♄	long.	3 4	29 15	50	13 4	2 7	58
14	☾		4 2	13 ♈ 36	S. 25	14 4	0 8	0
15	♂		4 59	28 18	42	15 3	59 8	1
16	☿	Rogation.	5 57	13 ♉ 19	53	16 3	58 8	2
17	♃		6 54	28 28	52	17 3	57 8	3
18	♀		7 51	13 ♊ 37	35	18 3	56 8	4
19	♄		8 49	28 33	59	19 3	55 8	5
20	☾	Holy Thursd.	9 46	13 ♋ 7	A. 2	20 3	53 8	7
21	♂		10 43	27 15	46	21 3	52 8	8
22	☿		11 40	10 ♌ 52	14	22 3	51 8	9
23	♃	Exaudi.	12 38	23 59	30	23 3	50 8	10
24	♀	Term ends.	13 35	6 ♍ 42	36	24 3	49 8	11
25	♄		14 32	19 2	37	25 3	48 8	12
26	☾	days increased	15 29	1 ♎ 6	34	26 3	47 8	13
27	♂	9 hours	16 27	13 1	N. 8	27 3	46 8	14
28	☿	6 minutes.	17 24	24 49	29	28 3	45 8	15
29	♃	K. Charles II. N.	18 21	6 ♍ 38	27	29 3	45 8	16
30	☾	Whit. Sunday.	19 18	18 30	18	30 3	44 8	16
31	♂		20 15	0 ♐ 27	1	31 3	43 8	17

M. D.	♄	♃	♂	♀	☿	☋	☾ rising & setting
1	♋ 5 55	♉ 22 58	♈ 3 3	♈ 20 31	♓ 0 37	♎ 7 28	3 ☾ s.m. 7
6	6 27	24 9	6 41	26 41	28 10	7 12	10. r. af. 55
11	7 0	25 19	10 22	♉ 2 41	25℞ 21	6 56	0. mor. 54
16	7 35	26 30	14 1	8 42	23 19	6 40	2. 56
21	8 11	27 39	17 39	14 44	22D. 52	6 24	11. s. af. 44
26	8 48	28 49	21 16	20 46	24 15	6 8	0. mor. 47

M. D.	W D.	Full Sea.	Moons Southing.		Aſpects and Change of Weather.
1	♄	1 11	10 51	Aft.	
2	☾	1 57	11 35		
3	♃	2 41	12 21		Full Moon 9 Minutes paſt 3 in the Af-
4	♂	3 27	0 21	—	ter-noon.
5	♀	4 16	1 10		Turbulent Weather, with Winds and
6	☿	5 3	1 57		Rain now about
7	☊	5 51	2 45		☌ ☉ ☿ 4 aft.
8	♄	6 47	3 41		The 20 day at 4 in the Morning *Sa-*
9	☾	7 41	4 35		*turn* is with the Moon.
10	♃	8 19	5 13		
11	♂	9 10	6 4		Laſt Quarter 56 Minutes paſt 2 in the
12	♀	9 58	6 52		After-noon.
13	☿	10 48	7 42		The 16 day at 2 in the Afternoon *Mars*
14	☊	11 39	8 33		is with the Moon.
15	♄	12 36	9 30		The ſame day at 4 in the Morning
16	☾	1 32	10 26		*Venus* is with the Moon.
17	♃	2 30	11 24		
18	♂	3 30	0 24	—	New Moon 50 Minutes paſt 1 in the
19	♀	4 30	1 24		After-noon.
20	☿	5 29	2 23		The 17 day at 10 in the Morning *Ju-*
21	☊	6 26	3 20		*piter* is with the Moon.
22	♄	7 21	4 15		The ſame day at 4 in the Morning *Mer-*
23	☾	8 14	5 8		*cury* is with the Moon.
24	♃	9 2	5 56		
25	♂	9 43	6 37		Firſt Quarter 59 Minutes paſt 2 in the
26	♀	10 27	7 21		Morning.
27	☿	11 10	8 4		☽ ♂ ♀ High Winds, with Rain,
28	☊	11 54	8 48		about this time.
29	♄	12 35	9 29		
30	☾	0 35	10 14		
31	♃	1 20	10 59		

M D	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ South.
1	0 26	0 43	0 A 12	1 13	3 37
11	0 A 25	0 A 42	0 5	1 A. 51	2 A 6
21	0 24	0 42	0 N. 2	1 27	0 7

Month Dayes.	Week Dayes.	Holy Dayes.	Suns place	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	f		21 12	12 ♐ 31	4 N. 33	1	3 42	8 18
2	g	days 16 ho.	22 10	24 47	4 53	2	3 42	8 18
3	a	36 minutes.	23 7	7 ♑ 12	5 D. 2	3	3 42	8 18
4	h		24 4	19 48	4 25	4	3 41	8 19
5	☉		25 1	2 ♒ 31	4 30	5	3 41	8 19
6	c	Trinity Sund.	25 58	15 28	3 53	6	3 41	8 19
7	d	days increased	26 56	28 31	3 47	7	3 41	8 19
8	e	9 hours	27 52	11 ♓ 55	2 38	8	3 41	8 19
9	f	16 minutes.	28 49	25 28	0 55	9	3 41	8 19
10	g	Corpus Christi.	29 46	9 ♈ 16	0 S. 15	10	3 41	8 19
11	a	S. Barnabas.	0 ♋ 43	23 21	1 29	11	3 41	8 19
12	h	Longest day at	1 40	7 ♉ 46	2 37	12	3 41	8 19
13	☉	1 p. Trinity.	2 37	22 24	3 37	13	3 41	8 19
14	d	*Stamford*, con-	3 35	7 ♊ 12	4 23	14	3 41	8 19
15	e	taining 16 ho.	4 32	22 2	4 51	15	3 41	8 19
16	f	38 minutes.	5 29	6 ♋ 48	5 A. 1	16	3 41	8 19
17	g		6 26	21 17	4 48	17	3 41	8 19
18	a		7 23	5 ♌ 21	4 19	18	3 41	8 19
19	h		8 20	18 1	3 36	19	3 42	8 18
20	☉	2 p. Trinity.	9 17	2 ♍ 11	2 42	20	3 42	8 18
21	d	days increased	10 14	14 55	1 42	21	3 42	8 18
22	e	4 minutes.	11 11	27 18	0 38	22	3 43	8 17
23	f		12 8	9 ♎ 23	0 N. 24	23	3 44	8 16
24	g	S. John Bapt.	13 5	21 16	1 26	24	3 44	8 16
25	a		14 2	3 ♏ 52	2 23	25	3 45	8 15
26	h		14 59	14 55	3 15	26	3 46	8 14
27	☉	3 p. Trinity.	15 56	26 46	3 55	27	3 47	8 13
28	c		16 53	8 ♐ 47	4 31	28	3 48	8 12
29	d	S. Pet. & Paul.	17 50	20 59	4 20	29	3 49	8 11
30	e	Term ends.	18 48	3 ♑ 24	4 17	30	3 50	8 10

M D.	♄	♃	♂	♀	☿	☊	☾ rising & setting.
1	♋ 33	♌ 11	25 ♍ 33	28 ♍	1	28 ♍ 16	♎ 49 2. ſ.m. 52
6	10 11	1 18	29 6	4	4 3	21 5	34 11. aft. 32
11	10 49	2 25	2 ♎ 38	10 7	9	59 5	18 0. mor. 53
16	11 28	3 30	6 9	16	12 17	57 5	23. 34
21	12 7	4 34	9 37	22	16 27	14 4	46 11. ſ.af. 17
26	12 46	5 36	13 5	28	22 7	♋ 29 4	30 0. mor. 34

M D.	W D.	Full Sea.	Moons Southing.		Aſpects and Change of Weather.
1	ℓ	2 6	11 47	Aft.	High Winds, with Rain about this
2	f	2 53	12 38		Full Moon 13 minutes paſt 6 in the
3	g	3 44	0 38		(Morning.
4	a	4 39	1 33		☌ ☽ ☿. 3 m. time.
5	h	5 24	2 18		
6	C	6 11	3 5		
7	d	7 1	3 55		
8	e	7 51	4 45		
9	f	8 37	5 31	Morning.	Laſt Quarter 20 min. paſt 7 at night.
10	g	9 28	6 22		☌ ♂ ☽. 7 a.
11	a	10 18	7 12		Very hot, threatning Thunder, per-
12	h	11 15	8 9		haps with Rain, or Hail ſtorms.
13	C	12 9	9 3		At 8 at Night Jupiter is with Moon.
14	d	1 9	10 3		At 8 in the morning Mars is with the
15	e	2 9	11 3		Moon.
16	f	3 9	0 3		New Moon 31 min. paſt 9 in the
17	g	4 9	1 3		morning.
18	a	5 4	1 58		14 day at 12 at Night Venus is with
19	h	5 57	2 51		the Moon. The ſame day at 10 at
20	C	6 46	3 40		Night Mercury is with the Moon.
21	d	7 33	4 27		
22	e	8 16	5 10	After-noon.	More Hail ſtorms.
23	f	8 58	5 52		Firſt Quarter 17 minutes aſter 6 at
24	g	9 40	6 34		Night.
25	a	10 23	7 17		
26	h	11 10	8 4		The 16 day at 10 at Night, Saturn is
27	C	11 56	8 50		with the Moon.
28	d	12 34	9 28		Good Summer ☌ ♄ ☿. 12 n.
29	e	0 34	10 24		Weather, it may be Thunder in
30	f	1 30	12 11		ſome places.

M D.	Lat. ♄ South.	Lat. ♃ South.	Lat. ☉ North.	Lat. ☿ South.	Lat. ♀ North.
1	0 23 0	42	0 9	0 A 21	23
11	0 A 23 0	A 42	0 A 16	0 N 22 1	D. 44
21	0 22 0	42	0 23	0 44 1	4

Month Days.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	☌		19 44	16♍ 2	4 N.	53 1	3 51	8 9
2	a	Visit. Mary.	20 42	28 55	4	52 2	3 51	8 9
3	b		21 39	12♎ 13	3	56 3	3 52	8 8
4	c	4. P. Trinity.	22 36	25 17	3	6 4	3 53	8 7
5	d		23 33	8 ♐ 44	2	55 5	3 54	8 6
6	e	Dayes Decrea-	24 30	22 17	0	57 6	3 56	8 4
7	f	sed half an hour.	25 28	6 ♑ 10	0 S.	14 7	3 57	8 3
8	g		26 25	19 54	1	27 8	3 58	8 2
9	a		27 22	3 ♒ 53	2	34 9	3 59	8 1
10	b		28 19	18 53	3	34 10 4	0	8 0
11	c	5. P. Trinity.	29 16	♎ 21	4	21 11 4	2	7 58
12	d	Days 15 hours,	0 ♌ 14	16 45	4	51 12 4	3	7 57
13	e	54 minutes.	1 11	1 ♓ 9	5	1 3 13 4	4	7 56
14	f		2 8	15 29	4 A.	55 14 4	6	7 54
15	g	S. Swithin.	3 5	29 37	4	30 15 4	7	7 53
16	a		4 3	13♌ 29	3	49 16 4	8	7 52
17	b		5 0	26 58	2	56 17 4	10	7 50
18	c	6. P. Trinity.	5 57	10♍ 51	1	55 18 4	11	7 49
19	d		6 54	22 49	0	49 19 4	12	7 48
20	e	Days decreased	7 52	5 ♎ 13	0 N.	15 20 4	14	7 46
21	f	1 hour, 8 mi-	8 49	17 20	1	20 21 4	15	7 45
22	g	nutes.	9 47	29 17	2	20 22 4	17	7 43
23	a		10 44	11♏ 53	3	13 23 4	18	7 42
24	b		11 41	22 54	3	58 24 4	20	7 40
25	c	7. P. Trinity.	12 39	4 ♐ 47	4	33 25 4	22	7 37
26	d	Days 15 hours,	13 36	16 47	4	55 26 4	23	7 35
27	e	14 minutes.	14 34	29 2	5	7 27 4	25	7 33
28	f	Days decreased	15 31	11♑ 33	5 D.	3 28 4	27	7 35
29	g	1 hour, 34 mi-	16 29	24 23	4	44 29 4	28	7 32
30	a	nutes.	17 26	7 ♒ 30	4	9 30 4	30	7 30
31	b		18 24	20 55	3	20 31 4	32	7 28

M D.	♄	♃	♂	♀	☿	♑	☾ rising & setting.
1	13 ♌ 25	6 ♊ 37	16 ♊ 31	4 ♋ 27	18 ♋ 16	4 ♎ 14	8. r. aft. 15
6	14 47	36	19 55	10 34	28 56	3 38	10. 22
11	14 43	8 33	23 18	16 41	9 ♌ 43	42	0. m. 16
16	15 21	9 28	26 39	22 49	18 32	3 26	8. s. aft. 38
21	13 58	10 20	29 59	28 58	27 18	3 11	10. 01
26	16 55	11 10	3 ♋ 17	5 ♌ 7	5 ♍ 23	2 55	12. 01

M D.	W D.	Full Sea.	Moons Southing.		Aspects and Change of Weather.
1	♃	2 17	12 3		Full Moon 22 min. past 7 at Night.
2	a	3 9	0 3		☌ ☉ ☿ 5 a. High Winds, causing Rain or moist weather.
3	h	4 4	0 58		
4	☾	4 54	1 48		
5	d	5 46	2 40		
6	e	6 32	3 26	Morning.	The 16 day at Noon Saturn is with the Moon.
7	f	7 24	4 18		
8	g	8 13	5 7		Last Quarter 15 min. past 12 at Night.
9	a	9 8	6 2		☌ ♄ ♀. 4 a. Some hasty showers of Rain.
10	h	10 2	6 56		
11	☾	10 56	7 50		Jupiter is with the Moon at 11 at night
12	d	11 56	8 50		12 day, Mars is with the Moon at 12 at night. At Noon Saturn is with the Moon.
13	e	12 54	9 48		
14	f	1 47	10 41		
15	g	2 47	11 41		New Moon 39 min. past 6 at Night.
16	a	3 39	12 33		14 day, at 9 at night Venus is with the ☾ Moon. perhaps Thunder.
17	h	4 31	1 25		
18	☾	5 20	2 14		
19	d	6 7	3 1		16 day, at 9 at night Mercury is with the Moon.
20	e	6 50	3 44		
21	f	7 32	4 26		
22	g	8 17	5 11	After-noon.	Some storms of Hail, if not Thunder.
23	a	9 00	5 54		First Quarter 48 min. before Noon.
24	h	9 47	6 41		✶ ♂ ☿. about this time.
25	☾	10 30	7 33		St. James, Apostle.
26	d	11 24	8 18		
27	e	12 07	9 1		
28	f	00 07	9 55		Fair, but windy, ends the Moneth.
29	g	1 01	10 46		
30	a	1 52	11 38		□ ♃ ☿. 11 n.
31	h	2 44	12 33		Full Moon 17 min. past 7 in the morn.

M D.	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ North.	Lat. ♀ North.	Lat. ☿ South.
1	0 21	0 42	0 32	1 4	0 22
11	0 A 20	0 A 42	0 A 39	1 A 16	1 D 56
21	0 20	0 42	0 47	1 23	3 25

Moneth Dayes.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	☽	Lammas day.	19 21	4 ♐ 35	2	19 1	4 35	7 25
2			20 19	18 27	1	8 2	4 36	7 24
3		Days 14 hours	21 17	2 ♑ 27	0 S.	5 3	4 38	7 22
4		44 minutes.	22 14	16 32	1	21 4	4 40	7 20
5		long.	23 12	0 ♒ 40	2	32 5	4 41	7 19
6		Days decreased	24 10	14 47	3	34 6	4 43	7 17
7		2 hours 8 min.	25 7	28 54	4	23 7	4 45	7 15
8	☾	9 p. Trinity.	26 5	12 ♓ 58	4	55 8	4 47	7 13
9			27 3	27 45	5	10 9	4 49	7 11
10			28 1	11 ♈ 25	5 A.	7 10	4 50	7 10
11		Days 14 hours	28 59	24 53	4	45 11	4 52	7 8
12		16 minutes.	29 57	8 ♉ 33	4	7 12	4 54	7 6
13			0 ♍ 54	22 13	3	16 13	4 56	7 4
14			1 52	5 ♊ 13	2	15 14	4 58	7 2
15	☾	10 p. Trinity.	2 50	18 7	1	9 15	5 0	7 0
16			3 48	0 ♋ 45	0 N.	1 16	5 2	6 58
17			4 46	13 6	1	6 17	5 4	6 56
18		Days decreased	5 44	25 12	2	9 18	5 6	6 54
19		2 hours 50 min.	6 42	7 ♌ 9	3	6 19	5 8	6 52
20			7 41	19 1	3	54 20	5 10	6 50
21			8 39	0 ♍ 52	4	32 21	5 12	6 48
22	☾	11 p. Trinity.	9 37	12 42	4	59 22	5 14	6 46
23			10 35	24 44	5	13 23	5 16	6 44
24		St. Barthol.	11 33	6 ♎ 57	5 D.	12 24	5 18	6 42
25			12 32	19 28	4	58 25	5 20	6 40
26		Days decreased	13 30	2 ♏ 20	4	29 26	5 22	6 38
27		3 hours 26 min.	14 28	15 35	3	44 27	5 24	6 36
28			15 27	29 12	2	45 28	5 26	6 34
29	☾	12 p. Trinity.	16 25	13 ♐ 11	1	35 29	5 28	6 32
30			17 23	27 28	0 S.	17 30	5 30	6 30
31			18 22	11 ♑ 55	1	1 31	5 32	6 28

M D.	♄	♃	♂	♀	☿	☋	☾ rising & setting.
1	17 ♑ 18	12 ♏ 6	7 ♑ 13	12 ♑ 34	14 ♍ 9	2 ♎ 36	8. r. aft. 8
6	17 53	12 49	10 28	18 41	20 41	2 20	9. 46
11	18 26	13 29	13 41	24 52	26 22	2 41	1. m. 35
16	18 58	14 6	16 52	1 ♍ 4	1 ♎ 21	48	7. s. aft. 55
21	19 29	14 38	20 2	7 16	4 21	1 32	9. 28
26	19 58	15 7	23 10	13 29	5 50	1 16	1. mor. 17

M D.	W D.	Full Sea.	Moons Southing.		Aspects and Change of Weather.
1	☾	3 39	0	33	✶ ♃ ☿. 5 m. Good Harvest
2	♉	4 29	1	23	weather, lasting for a Season.
3	♌	5 19	2	13	
4	♍	6 13	3	7	The 8 day at Noon Jupiter is with the
5	♎	7 7	4	1	Moon.
6	♏	8 1	4	55	
7	♐	8 56	5	50	Last Quarter 2 min. past 3 in the mor.
8	☾	9 46	6	40	Rain and Thunder about this time.
9	♉	10 46	7	40	10 day, at 4 in the After-noon Mars is
10	♌	11 43	8	38	with the Moon The same day, at
11	♍	12 39	9	33	12 at night Saturn is with the Moon.
12	♎	1 34	10	28	
13	♏	2 25	11	19	
14	♐	3 15	12	9	New Moon 32 min. past 5 in the morn-
15	☾	4 0	0	56	ing.
16	♉	4 49	1	43	13 day, at 10 at night Venus is with the
17	♌	5 41	2	35	Moon.
18	♍	6 16	3	19	
19	♎	7 1	3	55	
20	♏	7 47	4	41	Rain now about ♂ ♄ ♂.
21	♐	8 34	5	28	perhaps with Thunder.
22	☾	9 23	6	17	First Quarter 47 minutes past 4 in the
23	♉	10 10	7	4	Morning.
24	♌	10 58	7	52	Fair and Temperate weather, if not
25	♍	11 54	8	48	Thunder in some places.
26	♎	12 38	9	32	♂ ☉ ♀. 12 n.
27	♏	0 38	10	25	
28	♐	1 31	11	15	
29	☾	2 21	12	10	Full Moon 43 min. past 5 at Night
30	♉	3 16	0	10	16 day, at 9 at Noon Mercury is with
31	♌	4 12	1	6	the Moon.

Morning. After-noon. M.

M D.	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ North.	Lat. ☿ North.	Lat ♀ South.
1	0	19 0	43 0	55 1	23 4 A 5
11	0 A	18 0 A	43 1 A	3 1 D	17 2 10
21	0	18 0	43 1	12 1	4 0 N 53

Moneth Dayes.	Week Dayes.	Holy Dayes.	Suns place.		Moons Signs.	Moons Lat.		M D.	Suns rising.	Suns sett.
1	ſ		19	20	26 ♈ 27	2	S. 16	1	5 35	6 25
2	ſ	Days 12 hours	20	19	11 ♉ 1	3	24	2	5 37	6 23
3	ſ	46 minutes.	21	18	25 29	4	18	3	5 39	6 21
4	ſ		22	16	9 ♊ 46	4	56	4	5 41	6 19
5	ſ	13 p. Trinity.	23	15	23 51	5	A. 16	5	5 43	6 17
6	ſ		24	13	7 ♋ 45	5	14	6	5 45	6 15
7	ſ	Days decreaſed	25	12	21 26	4	56	7	5 47	6 13
8	ſ	4 hours 16 min.	26	11	4 ♌ 53	4	22	8	5 49	6 11
9	ſ		27	10	18 83		35	9	5 51	6 9
10	ſ	Days 12 hours	28	8	1 ♍ 10	2	36	10	5 53	6 7
11	ſ	14 minutes.	29	7	14 1	1	31	11	5 56	6 4
12	ſ	14 p. Trinity.	0	♎ 6	26 36	0	22	12	5 58	6 2
13	ſ	Equal Day and	1	59	9 ♎ 10		N. 45	13	6 0	6 0
14	ſ	Night.	2	4	21 15	1	50	14	6 2	5 58
15	ſ		3	3	3 ♏ 19	3	50	15	6 4	5 56
16	ſ	Days decreaſed	4	2	15 15	3	42	16	6 6	5 54
17	ſ	4 hours 56 min.	5	1	27 9	4	24	17	6 9	5 51
18	ſ		6	0	8 ♐ 59	4	54	18	6 11	5 49
19	ſ	15 p. Trinity.	6	59	20 53	5	12	19	6 13	5 47
20	ſ		7	59	2 ♑ 54	5	D. 16	20	6 15	5 45
21	ſ	St. Matthew.	8	58	15 55		7	21	6 17	5 43
22	ſ		9	57	27 32	4	43	22	6 19	5 41
23	ſ	Days decreaſed	10	56	10 ♒ 20	4	4	23	6 21	5 39
24	ſ	5 hours 24 min.	11	56	23 32	3	12	24	6 23	5 37
25	ſ		12	55	7 ♓ 11	2	7	25	6 25	5 35
26	ſ	16 p. Trinity.	13	55	21 17	0	52	26	6 27	5 33
27	ſ	Days 11 hours	14	54	5 ♈ 45	0	S. 26	27	6 29	5 31
28	ſ	2 minutes.	15	53	20 35	1	46	28	6 31	5 29
29	ſ	St. Michael.	16	53	5 ♉ 28	3	0	29	6 33	5 27
30	ſ		17	53	20 33	3	59	30	6 35	5 25

M D.	☿	♀	♂	♃	♄	☽ rising & setting
1	20♋31	15♌36	26♎53	20♑56	4♎20	0♎57	7.r.aft.32
6	20 56	15 56	29 57	27 10	0℞12	0 41	10. 58
11	21 20	16 10	2♏39	3♎24	24♑55	0 25	4.mor.19
16	21 41	16 20	5 59	9 38	21 20	0 9	7.ſ.af.14
21	22 0	16 26	8 56	15 52	21 49	29♑54	10. 50
26	22 16	16℞26	11 52	22 6	26 12	29 38	4. mor. 8

M D.	W D.	Full Sea.	Moons Southing.			Aſpects and Change of Weather.
1	ſ	5 6	2 0			Cold and Cloudy weather begins the
2	g	6 2	2 56			✶ ☉ ♄. 7 p. (Month
3	a	6 57	3 51			The 4 day at 11 at Night Jupiter is
4	h	7 57	4 51			with the Moon.
5	☾	8 54	5 48			Laſt Quarter 28 minutes paſt 9 in the
6	d	9 51	6 45			morning.
7	e	10 47	7 41			At Noon Saturn is with the Moon.
8	ſ	11 39	8 33			At 6 in the morning Mars is with the
9	g	12 29	9 23			Dry winds. (Moon.
10	a	1 19	10 13			12 day at 6 in the morning Mercury is
11	h	2 7	11 1			with the Moon.
12	☾	2 53	11 47			New Moon 57 min. paſt 6 at Night.
13	d	3 38	12 32			At 6 in the morn. Venus is with Moon
14	e	4 21	1 15			Pretty good weather this week, but in-
15	ſ	4 53	1 47			✶ ♄ ☿. 3 a. inclining to moiſt.
16	g	5 49	2 43			
17	a	6 36	3 30			
18	h	3 24	4 18			
19	☾	8 13	5 7			
20	d	9 0	5 54			First Quarter 31 min. paſt 10 at night.
21	e	9 47	6 41			△ ♃ ♀. 12 p. Winds and Cloudy
22	ſ	10 41	7 35			weather about this time.
23	g	11 27	8 21			
24	a	12 19	9 13			
25	h	0 19	10 3			
26	☾	1 9	10 54			
27	d	2 0	11 46			Full Moon 8 min. paſt 8 at Night.
28	e	2 52	12 44			Some flying ſhowres,
29	ſ	3 50	0 44			Winds follow. △ ♃ ☉. 1 m.
30	g	4 50	1 44			

Morning. After-noon. M.

M D.	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ North.	Lat. ☿ North.	Lat ♀ North.
1	0 17 0	43	1 20	0 47	1 58
11	0 A 16 0	A 43	1 A 29	0 D 25	1 D 31
21	0 16 0	43	1 39	0 1 0	30

Moneth Dayes.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	a	Days 10 hours	18 52	5 ♊ 24	4 S. 44	1	6 38	5 22
2	h	44 minutes.	19 52	20 45	5 92		6 40	5 20
3	C	17. P. Trinity.	20 51	4 ♋ 20	5 A. 13 3		6 42	5 18
4	d		21 51	18 16	4 59 4		6 44	5 16
5	e	Days decreased	22 51	1 ♌ 50	4 29 5		6 46	5 14
6	f	6 hours 14 min.	23 51	15 53	3 45 6		6 48	5 12
7	g		24 50	28 32	2 49 7		6 50	5 10
8	a		25 50	10 ♍ 46	1 47 8		6 52	5 8
9	h		26 50	23 160	409		6 54	5 6
10	C	18 p. Trinity.	27 50	5 ♎ 350	N. 26 10		6 56	5 4
11	d		28 50	17 46	1 31 11		6 58	5 2
12	e		29 50	29 51	2 32 12		7 0	5 0
13	f	Days 9 hours	0 ♍ 50	11 ♍ 50	3 25 13		7 2	4 58
14	g	56 minutes.	1 50	23 454	9 14		7 4	4 56
15	a		2 50	5 ♐ 38	4 42 15		7 6	4 54
16	h		3 50	16 325	2 16		7 8	4 52
17	C	19 p. Trinity.	4 50	29 29	5 D. 11 17		7 10	4 50
18	d	S. Luke Evan.	5 50	11 ♑ 31	5 4 18		7 12	4 48
19	e		6 51	23 42	4 44 19		7 14	4 46
20	f	Days decreased	7 51	6 ♒ 6	4 11 20		7 16	4 44
21	g	7 hours 14 min.	8 51	18 48	3 24 21		7 18	4 42
22	a		9 51	1 ♓ 53	2 26 22		7 20	4 40
23	h	Term begins.	10 52	15 25	1 18 23		7 22	4 38
24	C	20 p. Trinity.	11 52	29 23	0 4 24		7 23	4 37
25	d		12 53	13 ♈ 51	1 S. 13 25		7 25	4 35
26	e	Days 9 hours	13 53	28 44	2 27 26		7 27	4 33
27	f	14 minutes.	14 53	13 ♉ 34	3 33 27		7 29	4 31
28	g	S. Sim. & Jude.	15 54	29 14	4 23 28		7 31	4 29
29	a		16 54	14 ♊ 25	4 56 29		7 33	4 27
30	h		17 55	29 24	5 A. 6 30		7 34	4 26
31	C	21 p. Trinity.	18 56	15 ♋ 53	4 57 31		7 36	4 24

M D.	♄	♃	♂	♀	☿	☊	☾ rising & setting.
1	20 ♑ 30	16 ♊ 20	14 ♌ 44	28 ♎ 21	3 ♎ 11	29 ♍ 22	7. r.aft. 9
6	22 41	16 ℞ 11	17 34	4 ♏ 36	11 16	29 6	o.mor. 38
11	22 50	15 55	20 22	10 51	19 43	28 50	5. 8
16	22 55	15 36	23 6	17 6	28 9	28 34	6. ſ. af. 57
21	22 59	15 11	25 47	23 21	6 27	28 18	o.mor. 18
26	22 ℞ 59	14 43	28 24	29 36	14 37	28 2	5. 53

M D.	W D.	Full Sea.		Moons Southing.			Aſpects and Change of Weather.
1	♃	5	50	2	44		Turbulent Cold, Rainy, Miſty weather.
2	♄	6	49	3	43		
3	☾	7	49	4	43		
4	☿	8	46	5	40	Morning.	Laſt Quarter 23 min. paſt 5 at Night.
5	♀	9	43	6	37		The 4 day at 8 at Night Saturn is
6	♂	10	33	7	27		with the Moon. At 5 at Night Mars
7	♃	11	22	8	16		is with the Moon.
8	♃	12	10	9	4		
9	♄	0	54	9	48		
10	☾	1	39	10	33		
11	☿	2	25	11	19		13 day, at 2 in the After-noon Venus is
12	♀	3	10	12	4		High Winds, (with Moon
13	♂	3	54	0	48		New Moon 58 minutes paſt 2 in the
14	♃	4	40	1	34		After-noon.
15	♃	5	25	2	19		with Rain about this time.
16	♄	6	13	3	7		
17	☾	6	58	3	52		The 11 day at 4 in the Afternoon Mer-
18	☿	7	48	4	42		cury is with the Moon.
19	♀	8	38	5	32	After-noon.	
20	♂	9	25	6	19		Firſt Quarter 30 min. paſt 1 in the Af-
21	♃	10	14	7	8		ter-noon.
22	♃	11	4	7	58		Much Rain about this time, if not a
23	♄	11	51	8	45		Flood in ſome places.
24	☾	12	42	9	36		
25	☿	0	42	10	31		
26	♀	1	37	11	27		
27	♂	2	33	12	24		Full Moon 19 min. paſt 1 in the After-
28	♃	3	30	0	33	Mor.	noon.
29	♃	4	39	1	33		At Noon Jupiter is with the Moon.
30	♄	5	38	2	32		
31	☾	6	38	3	32		

M D.	Lat. ♄ South.	Lat. ♀ South.	Lat. ♂ North.	Lat. ☉ South.	Lat. ☿ South.
1	0 15	0 42	1 50	0 26	0 42
11	0 A 14	0 A 42	2 A 01	0 D 50	1 D 38
21	0 13	0 40	2 13	1 11	2 13

Moneth Dayes.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns sett.
1	Defyah	All Saints.	19 56	28 ♋ 7	4 S. 28	1	7 38	4 22
2		All Souls.	20 57	11 ♌ 46	3 47	2	7 39	4 21
3			21 57	24 59	2 53	3	7 41	4 19
4		Days 8 hours	22 58	7 ♍ 50	1 52	4	7 42	4 18
5		36 minutes.	23 59	20 22	0 48	5	7 44	4 16
6		Days decreased	25 0	2 ♎ 39	0 N.16	6	7 46	4 14
7		23 p. Trinity.	26 0	14 46	1 21	7	7 47	4 13
8		8 hours 16 min.	27 1	26 47	2 20	8	7 49	4 11
9			28 2	8 ♏ 43	3 13	9	7 51	4 9
10			29 2	20 38	3 57	10	7 52	4 8
11		Days 8 hours	0 ♐ 4	2 ♐ 33	4 31	11	7 54	4 6
12		12 minutes.	1 5	14 28	4 53	12	7 55	4 5
13			2 6	26 27	5 2	13	7 57	4 3
14		23 p. Trinity.	3 7	8 ♑ 29	4 58	14	7 58	4 2
15			4 7	20 37	4 D.40	15	8	4 0
16			5 8	2 ♒ 53	4 9	16	8 1	3 59
17		Days decreased	6 10	15 20	3 26	17	8 3	3 57
18		8 hours 44 min.	7 11	28 12	3 30	18	8 4	3 56
19			8 12	11 ♓ 1	1 29	19	8 5	3 55
20			9 13	24 22	0 19	20	8 7	3 53
21	Defyah	24 p. Trinity.	10 14	8 ♈ 9	0 S. 52	21	8 8	3 52
22			11 15	22 24	2 4	22	8 9	3 51
23		Days 7 hours	12 16	7 ♉ 43	3 8	23	8 10	3 50
24		40 minutes.	13 17	22 8	4 4	24	8 11	3 49
25		Days decreased	14 18	7 ♊ 24	4 41	25	8 12	3 48
26		9 hours 2 min.	15 19	22 43	5 1	26	8 12	3 48
27			16 20	7 ♋ 43	4 A.55	27	8 13	3 47
28		1. Advent.	17 22	22 39	4 31	28	8 14	3 46
29		Term ends.	18 23	6 ♌ 59	3 5	29	8 14	3 46
30		St. Andrew.	19 24	20 49	2 57	30	8 15	3 45

M D.	♄	♃	♂	♀	☿	☊	☾ rising & setting.
1	22♑55	14♊41	♍28	7♐6	24♍6	27♍43	9.r.aft. 27
6	22 49	13 29	3 56	13 21	1♐54	27 27	2.mor. 26
11	22 40	12 50	6 19	19 36	9 38	27 12	New ☾
16	22 29	12 11	8 37	25 51	17 17	26 56	8.s.aft. 54
21	22 15	11 30	10 50	2♑5	24 52	26 40	1.mor. 53
26	21 59	10 49	12 55	8 20	2♑17	26 24	4.r.aft. 23

M D.	W D.	Full Sea.	Moons Southing.		Aspects and Change of Weather.
1	♄	7 34	4 28		Good weather for the Season of the
2	☾	8 32	5 26		Year, with wholsome winds, and
3	♂	9 21	6 15	Morning.	Last Quarter 19 min. p. 6 in the mor.
4	☿	10 9	7 3		Fertility of all things.
5	♃	10 51	7 45		First day Saturn is with the Moon.
6	♄	11 58	8 32		☌ ♍ ♀. 3 p. 4 day at 2 in the
7	☾	12 22	9 16		morning Mars is with the Moon.
8	♉	1 6	10 0		□ ♂ ♀. 10 m. Winds, drive Rain
9	☾	1 50	10 44	—	or Snow about this time.
10	♂	2 25	11 19		12 day at 6 m. Mercury is with Moon.
11	☿	3 20	12 14		New Moon 13 min. p. 6 in the mor.
12	♃	4 5	0 59		13 day at 4 in the morning Venus is
13	♄	4 53	1 47		with the Moon.
14	☾	5 41	2 35		☌ ♍ ☿. 3 a. Cold and Cloudy,
15	♉	6 32	3 26	After-noon.	perhaps Hail or Snow, with winds.
16	☾	7 19	4 13		
17	♂	8 5	4 59		
18	☿	8 54	5 48		
19	♃	9 41	6 35		First Quarter 50 min. past 6 in the
20	♄	10 29	7 23		morning.
21	☾	11 20	8 14		Tempestuous and windy weather,
22	♉	12 10	9 4		☌ ☉ ♍. 3 a. □ ♂ ♍. □ ♂ ☉.
23	☾	1 6	10 0		with remission of Cold most part
24	♂	2 5	10 59		of this Month.
25	☿	3 2	11 56		Full Moon 20 min. past 11 at night.
26	♃	3 42	12 36	—	
27	♄	4 19	1 13	Mor.	☌ ♀ ☾ 4 p. 25 day at 6 at Night
28	☾	5 18	2 12		Jupiter is with the Moon.
29	♉	6 14	3 8		28 day at 11 in the morning Saturn
30	☾	7 7	4 1		is with the Moon.

M D.	Lat. ♄ South.	Lat. ♃ South.	Lat. ♂ North.	Lat. ☿ South.	Lat. ♀ South.
1	0 150	42	1 A 500	260	42
11	0 A 140	A 42	2 10	D 501	A. 38
21	0 130	40	2 D. 13	1 112	13

Moneth Dayes.	Week Dayes.	Holy Dayes.	Suns place.	Moons Signs.	Moons Lat.	M D.	Suns rising.	Suns fett.
1	f	Days 7 hours	20 25	4 ♍ 81	S. 56	1 8	16 3	44
2	g	28 minutes.	21 26	17 00	50	2 8	16 3	44
3	a		22 28	29 30	0 N. 15	3 8	17 3	45
4	b	Days decreased	23 29	11 ♎ 43	1 18	4 8	17 3	45
5	c	2. Advent.	24 30	25 45	2 17	5 8	18 3	42
6	d	9 hours 12 min.	25 31	5 ♏ 41	3 9	6 8	18 3	42
7	e		26 33	17 34	3 54	7 8	18 3	42
8	f	Conc pt. M.	27 34	29 26	4 27	8 8	19 3	41
9	g		28 35	11 ♐ 21	4 49	9 8	19 3	41
10	a	Days 9 hours,	29 37	22 20	5 D. 1	10 8	19 3	41
11	b	16 minutes.	0 ♑ 38	5 ♑ 27	4 55	11 8	19 3	41
12	c	3. Advent.	1 39	17 39	4 37	12 8	20 3	41
13	d	Shortest day at	2 41	29 59	4 7	13 8	19 3	41
14	e	*Stamford*, con-	3 42	12 ♒ 25	3 24	14 8	19 3	41
15	f	taining 7 hours,	4 43	25 42	2 31	15 8	19 3	41
16	g	22 minutes.	5 44	7 ♓ 52	1 29	16 8	18 3	42
17	a		6 46	20 56	0 S. 21	17 8	18 3	42
18	b		7 48	4 ♈ 15	0. 48	18 8	18 3	42
19	c	4. Advent.	8 48	17 53	1 57	19 8	17 3	43
20	d		9 50	1 ♉ 53	3 1	20 8	17 3	47
21	e	St. Thomas.	10 51	16 17	3 55	21 8	16 3	44
22	f	Days increased	11 52	0 ♊ 59	4 36	22 8	16 3	44
23	g	8 minutes.	12 54	15 57	5 32	23 8	15 3	45
24	a		13 55	0 ♋ 59	5 A. 22	24 8	14 3	46
25	b	Christ Nat.	14 56	16 01	4 40	25 8	14 3	46
26	c	St. Stephen.	15 58	0 ♌ 46	4 2	26 8	13 3	47
27	d	St. John.	16 59	15 6	3 9	27 8	12 3	48
28	e	Innocents.	18 0	29 22	2 7	28 8	11 3	49
29	f		19 1	12 ♍ 28	0 59	29 8	11 3	49
30	g	Days 7 hours,	20 3	25 26	0 N. 8	30 8	10 3	50
31	a	40 minutes.	21 4	8 ♎ 11	14	31 8	9 3	51

M D	♄	♃	☽	☿	♀	♂	☉	rising & setting.
1	21 ♑ 41	10 ♊ ☌	14 ♍ 54	14 ♎ 34	9 ♑ 19	26 ♍ 8	16 ☾ r. af. 37	
6	21 21	9 30	16 44	20 48	15 38	25 52	3 mor. 2	
11	20 58	8 54	18 26	27 2	20 8	25 36	0 New ☾ 0	
16	20 35	8 19	19 58	3 ♏ 15	21 21	25 20	9 ☾ s aft. 59	
21	21 11	7 49	21 16	9 28	17 ℞ 33	25 4	3 mor. 0	
26	19 47	7 23	22 28	15 40	11 21	24 49	5 ☾ r. aft. 24	

M D	W D.	Full Sea	Moons South.		Aspects and change of Weather.
1	f	7 56	4 50		Temperat weather, △ ♂ ♁. 9 a.
2	g	8 43	5 37	Morning	*Last Quarter* 34 min. past 9 at night.
3	a	9 31	6 25		At the Beginning.
4	b	10 9	7 3		1 day 8 morning *Mars* is with the *Moon*
5	c	10 59	7 48		
6	d	11 38	8 32		
7	e	12 20	9 14		☌ ♄ ☿ 1 m. Cold rain or snow.
8	f	1 4	9 58		About this time.
9	g	1 50	10 44		12 day, at 6 night *Mercury* is with *Moon*.
10	a	2 33	11 27		
11	b	3 22	12 16	—	*New Moon* 33 min. past 1 morning.
12	c	4 15	1 9		☌ ♄ ☿, 7 p. A turbulent and disquiet
13	d	5 1	1 55		Air, causing snow or rain.
14	e	5 48	2 42		About this time.
15	f	6 36	3 30		13 day at noon, *Venus* is with *Moon*.
16	g	7 25	4 19	Afternoon	21 day at 12 night, *Jupiter* is with *Moon*.
17	a	8 12	5 6		
18	b	9 2	5 56		*First Quarter* 34 min. past 7 at night.
19	c	9 48	6 42		High winds, with frost or snow.
20	d	10 40	7 34		About this time.
21	e	11 33	8 27		25 day at night *Saturn* is with *Moon*.
22	f	12 31	9 25		
23	g	1 31	10 25		
24	a	2 31	11 25	—	☌ ☉ ☿ 10. p. rain now.
25	b	3 31	12 25		*Full Moon* 22 min. past 8 morning.
26	c	3 44	0 38	Morning	About this time.
27	d	4 37	1 31		The 30 day at 8 at night, *Mars* is with
28	e	5 29	2 23		the *Moon*.
29	f	6 27	3 21		
30	g	7 5	3 59		☌ ♄ ☉. 1 m. cold frost and snow ends
31	a	7 52	4 46		the year.

Julian Account.	Common Notes for the Year 1680.	*Forreign* Account.
9.	The Golden Number.	9.
9.	Cycle of the *Sun*.	9.
D. C.	*Sunday* Letters.	G. F.
9.	Epact.	29.
3.	*Roman* Indiction.	3.
21.	Number of Direction.	24.

The Dominion of the *Moons* in Mans Body, Falling under the 12 *Signs* of the *Zodiack*.

♈ *Aries*, Head and Face.	♎ *Libra*, Reins and Loins.
♉ *Taurus*, Neck and Throat.	♏ *Scorpio*, Secret Members.
♊ *Gemini*, Arms and Shoulders.	♐ *Sagitarius*, Thighs & Hips.
♋ *Cancer* Breast and Stomach.	♑ *Capricorn*, the Knees.
♌ *Leo*, Heart and Back.	♒ *Aquarius*, the Legs.
♍ *Virgo*, Bowels and Belly.	♓ *Pisces*, the Feet.

A N

AN APPENDIX

Unto the precedent

ALMANACK

For this present

Year of mans Redemption, 1680.

Wherein is contained,

I. A Brief Deſcription of the four Quarters of the year, with Aſtronomical Calculations to prove the Radix thereof truly Stated; whereunto are added ſome probable Conjectures touching the ſtate of the year.

II. A Deſcription of the Eclipſes this year, and Cauſes why the *Sun* ſhould be Eclipſed in our Midday, and not to be ſeen of us.

III. Is ſhewed the making of a Quadrant, whereby to find the Altitude (or height) of the *Sun*; with a Table of the height of the *Sun* for all the hours of the day, for every tenth degree of each Sign; For the Latitude of *Stamford* exactly Calculated, with a Radius of 10, 00000. whereby may be found the hour of the day, the height of the *Sun* being known.

IV. The Brief uſe of that Table.

V. Rules and Tables for Meaſuring Board and Timber, which you have explain'd by Examples, and alſo how to make them.

Uſeful and pleaſant to all thoſe that are deſirous of ſuch a work.

By *WILLIAM READMAN*, a Lover of the Cæleſtial Science.

Printed in the Year, 1680.

ASTRONOMY

Of the Four Quarters of the Year, and first of the Spring.

THe Spring Quarter, (or Revolation of the year) takes its beginning always at the Instant of time when the *Sun*, the Glorious Lamp of Heaven toucheth the first point of the Equiturnal *Aries*, equalizing day and night all the World over, where it is habitable: Now the things begin to wax green and flourishing, and bring forth fruit, it being the proper time for the generation of all things: This Quarter takes its beginning on *Tuesday*, being *March* the ninth day, at three Hours, 40 Minutes, 12 Seconds past Noon, which is thus proved by the Caculation.

	Sig.	de.	m.	Sec.	thir.
Suns Mean motion	11	27	58	29	13
Apogeon of the Sun substract.	1	6	50	29	19
Suns Anomatis.	08	21	07	59	54
Suns Æquation add.	00	02	01	30	47
Suns true place *Aries*.	00	00	00	00	00

Therefore the true time at.	da.	ho.	m.	sec.	
London is *March*.	9	3	40	12	0
Difference of Meridians Substract.	0	0	02	90	
The true time at *Stamford*.	9	3	38	12	

Unto which we set the Figure following.

ANNUAL, 1680.

The true position of the Heavens at the time of the Suns Ingress into *Aries*, according to *Newton's Astronomia Britanica*.

Having examined the strength of the Planets, as well in full Moon Preventional, and new Moon Postrentional, as in the figure of the ingress it self; I find *Mars* chief Lord, and beareth great sway this quarter, and what *Mars* signifieth when he beareth rule, *Cardan* tells us in his 68 *Aphor.* of his 7 *Segm. If* Mars *be Lord of the year,*

year, signifieth Heat, House-burnings, Lightning, and Hail, Storms, and the like. And *Haly* saith, *if* Mars *be Angular in the Revolution of the year, there shall be Strifes, Debate, Murder, and Contention,* Haly *lib.* 8. *fol.* 379 And indeed it is the judgment of all Astrologers, that *Mars* doth stir up dryness and heat in the Air; which operating upon the Humours of mens Bodies, stirreth up Cholar in them, which breaketh out many times into Strifes, Contentions and Quarrels, and often ends in Fighting and Duels, *&c.* But *Mars* his position in *Pisces*, a moist Sign, doth much abate the heat and dryness which was spoken of before. Also *Mercury* is Lord of Ascendent in *Pisces* in the seventh House in his detriment and fall, and afflicted by the presence or body of *Mars*. From these Configurations no pleasant judgment can be deduced, therefore I judge that this year will produce many strange and notorious Exploits, as Contentions, Controversies and Quarrellings with underhand dealing, Deceit and Falsity among men; besides Murders, Thefts, and Robberies; He is not only Lord of the Ascendant, but of the second likewise, which denotes small Gain in Traffick. Hence I may conclude but small pleasure amongst the people in general, in their common Converse and Recreations. Much more might be said in this Revolution, but I shall proceed to the several Seasons as they are in order, leaving the other Events and Positions of the *Planets* to them that are more Learned, as *Mr. Lilly*, Mr. *Coley* and others.

Of the second Quarter called SUMMER.

The *Summer*, this Quarter begins when the *Sun* enters the first point of *Cancer*, making thereby the longest day and shortest night, with all *Northern* Inhabitants; and the shortest day, and longest night to all *Southern* Inhabitants; and will happen with us at *Stamford* the 10*th*. day of *June* at 5 of the Clock, 34 minutes in the Afternoon; the beginning of the Sign *Sagittarius* arises, and the latter degrees of *Virgo* culminates; the *Moon* was

last in *Square* to *Saturn*, but hastens to a *Square* of the *Sun*, and *Sextile* of *Jupiter*, *Mars*, *Venus* and *Mercury*.

Of AUTUMN.

The *Autumnal* Quarter begins the 12 day of *September*, being *Sunday*, 33 minutes past 9 of the Clock in the Morning; at which time the *Sun* toucheth the first Scruple of the *Equinoctial* Sign *Libra*, whereas the earth at the same instant really enters the opposite point *Aries*, having her axeis paralled to the *Suns*, and so objects it self to equal portions of light and darkness, making the dayes and nights of a like length, as in the *Spring* Quarter.

Of WINTER.

The *Winter* Quarter begins on *Friday*, being the 10th. of *December*, at 3 minutes past 9 of the Clock at Night; doth the plain of this Opacous Globe of Morrality make her greatest obliquity to that Fountain of Light, the *Sun*; thereby making our shortest day (at *Stamford*) 7 hours, hours, 22 minutes, and longest night 16 hours 38 minutes.

Of the Eclipses this present Year, 1680.

TWice this year will the *Sun* (that bright Lamp of Heaven) be deprived of light, by the Interposition of the body of the *Moon* betwixt the *Sun* and the *Earth*; or to speak more proper, the light of the *Sun* shall twice be hid from the Inhabitants of this earthly Star, by the *Moons* dark body. The first of these defects will happen the 20 day of *March*, at 10 of the clock, 29 minutes, 10 seconds in the Morning, but not to be seen of us in our Horizon; it will be a Visible and Total Eclipse unto such a Inhabite the *South* parts of *America*, the *Holy-Island*, the *Cape* of St. *Vincent*'s, and this

this may seem strange, (that the *Sun* should be Eclipsed almost in our *Meridian*, and yet not Visible.) The like happened in the year 1677. the 21 day of *May*, very near the same time, which did much trouble some men, who thought it impossible to be true, but that there was some errour in point of Art, when truly the greatest errour was their want of Art, and being too confident so as to condemn what they understood not; the reason of it not being Visible in our Horizon, is, because the *Moons* paralax of Latitude is so great, at the time of the Visible *Conjunction*, (although the *Conjunction* is within one degree, 18 minutes, 20 seconds of the *Moons South Node*, and so consequently almost in the Ecliptick) that it causeth the *Moons* Visible Latitude to exceed the sum of the Simidiameter; so that it is impossible that there should be any Eclipse Visible in our Horizon, but in these places where the difference of Latitude and true Latitude is least, there will this Eclipse be most Visible, which will be about the places before named.

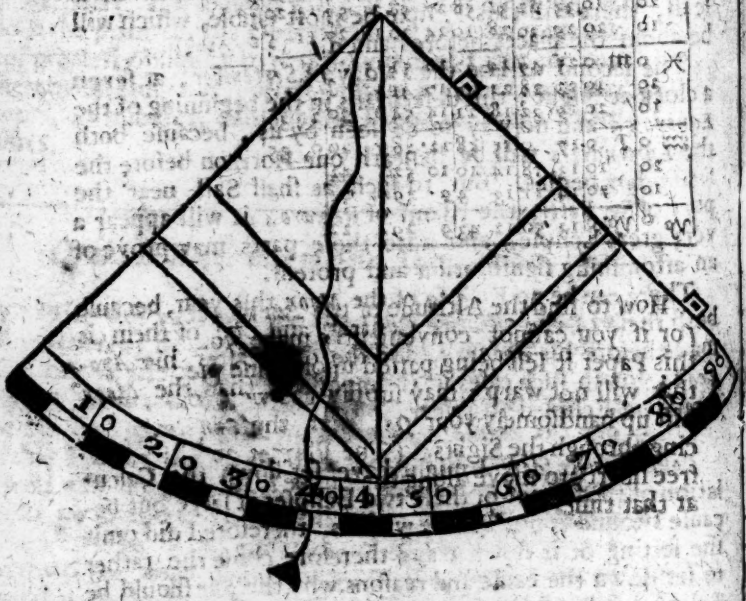
The second will be the 12 day of *September*, at seven a clock at Night; this defect falls in the beginning of the *Equinox*; and no way to be seen by us, because both the *Luminaries* will be beneath our Horizon before the *Deliquium* begins. But to such as shall Sail near the port of St. *Peter*, the Island of *Paxaro*, it will appear a very great Eclipse; and unto those parts may prove of an astonishing signification and portent.

There can be no Eclipse of the *Moon* this year, because both these of the *Sun* are Central, and one of them is made before his *Apogeon*, and the other after his *Apogeon*; for in such cases it is impossible that the *Moon* should be Eclipsed that year.

Courteous Reader, I might have set down the Calculation of the former of these two Eclipses at large, but because I found it not Visible with us, therefore I did omit the setting of it down; and therefore chose the rather to set down the cause and reasons why the *Sun* should be Eclipsed (almost in our *Meridian*) and not Visible, which some

some things impossible to be true. But if this finds acceptance, I shall next year, set the whole Calculation of an Eclipse of the *Moon*, which will be the 19 day of *August*; which will be both Visible and Total, almost a 11 parts of twelve of the *Moons* Body will be darkned. There will be no Eclipse of the *Sun* Visible, till 1683.

First you must make you a *Quadrant* of Box, or Board that will not warp nor bend; whose Semidiameter may contain, 6 or 8 Inches, or more, or less, as your Box, or Board will bear; then you must divide the Limb into 90 equal parts, as the quantity will permit; this being done, set two Sights upon the upper edge, with a thread and plumet on the Center, so that the Plumet may have free liberty to move about the Limbe, as by the Figure following may appear.



A Table of the *Suns* Altitude for every hour, for the Latitude of *Stamford*, 52 deg. 40 min.

Before noon				11		10		9		8		7		6		5		4	
After noon				12		1		0		13		4		5		6		7	8
S.	D	S.	D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
♍	9	♎	0	60	50	58	45	53	1	45	15	36	32	27	27	18	29	9	58	2	13
	20		10	60	29	58	21	52	42	44	58	36	16	27	11	18	12	9	41	1	56
	10		20	59	22	57	18	51	44	44	5	35	25	26	21	17	21	8	48	0	59
♎	0	♏	0	57	33	55	33	50	8	42	37	34	1	24	57	15	57	7	20		
	20		10	55	8	53	13	41	21	40	38	32	8	23	7	14	45	5	24		
	10		20	52	12	50	23	46	22	38	12	29	48	20	50	11	46	3	0		
♏	0	♐	0	48	52	47	7	42	20	35	22	27	7	18	29	8	0	17			
	20		10	44	10	43	32	38	57	32	13	24	8	15	18	6	14				
	10		20	41	18	39	44	35	23	28	52	20	57	12	13	3	9				
♈	0	♑	0	37	20	35	52	31	41	25	24	17	39	9	2						
	20		10	33	22	31	58	27	58	21	53	14	20	5	50						
	10		20	29	30	28	10	24	20	18	27	11	5	2	41						
♓	0	♒	0	25	49	24	32	20	51	15	10	8	0								
	20		10	22	28	21	17	17	41	12	8	5	7								
	10		20	19	32	18	21	14	54	9	30	2	37								
♒	0	♑	0	17	7	15	58	12	36	7	20	0	35								
	20		10	13	18	14	10	10	52	5	42										
	10		20	14	11	13	49	9	49	4	41										
♑	0	♑	0	13	50	12	43	9	29	4	22										

How to find the Altitude of the *Sun* by your *Quadrant*, (or if you cannot conveniently make you a *Quadrant*, this Paper it self being pasted upon a fine piece of Board that will not warp, may supply the want of a better.) Set up handsomely your *Quadrant*, the *Sun* Beams piercing through the Sights. (The Plumet and Line having free liberty to move along the Limbe) shews the degrees at that time.

The

The Brief use of this Table.

SUppose the height of the *Sun* taken by the *Quadrat*, 18 Degrees, 12 Minutes, the *Sun* being in the beginning of *Taurus* or *Virgo*; I seek, and find in this Table (and in the row which is against *Taurus* and *Virgo*,) 18 Degrees 12 Minutes, under 7 and 5 in the head of the Table. Therefore I pronounce, that when the *Sun* is 18 Degrees, 12 Minutes in height, entring *Taurus* or *Virgo*, it was precise 7 a clock in the Morning, or 5 in the Afternoun.

Thus at all times you may find the just hour, only note, when the just number either of height, or degrees of the *Sun* are not found in the Table, then make proportion according to the difference and practice, better then many words, may you find the true hour at all times when the *Sun* is seen.

Rules and Tables for Measuring *Board* and *Timber*.

How to Measure Board.

MUltiply the Breadth into the Length, and the Product will shew the Content; as suppose the Breadth to be 15 Inches, and the Length 10 Foot, or 120 Inches, then multiply 120 by 15. and the product will be 1800 Inches, which divided by 144. the number of Inches in a Foot of Board, the quotient will be 12,5. that is twelve Foot and a half, which is the true quantity contained in that Board. But because every man is not acquainted with Multiplication and Division, I shall add this following Table, by which it may be done with the least knowledge of Multiplication, or also by Addition.

A Table shewing the quantity of one Foot Lenth of Square Board, of what Breadth soever under 36 Inches.

Br.	F. P.	Br.	F. P.	Br	F. P.	Br.	F. P.
1	0, 083	10	0, 833	19	1, 583	28	2, 333
	0, 125		0, 875		1, 625		2, 375
2	0, 166	11	0, 916	20	1, 666	29	2, 416
	0, 208		0, 958		1, 708		2, 458
3	0, 250	12	1, 000	21	1, 750	30	2, 005
	0, 291		1, 041		1, 791		2, 541
4	0, 333	13	1, 083	22	1, 833	31	2, 583
	0, 375		1, 125		1, 875		2, 625
5	0, 416	14	1, 166	23	1, 916	32	2, 666
	0, 458		1, 208		1, 958		2, 708
6	0, 500	15	1, 250	24	2, 000	33	2, 750
	0, 541		1, 291		2, 041		2, 791
7	0, 583	16	1, 333	25	2, 083	34	2, 833
	0, 625		1, 375		2, 125		2, 875
8	0, 666	17	1, 416	26	2, 166	35	2, 916
	0, 708		1, 458		2, 208		2, 958
9	0, 750	18	1, 500	27	2, 250	36	3, 000
	0, 791		1, 541		2, 791		

This Table is very easie; the use of it is thus, for do but measure the Breadth of your Board in Inches, and seek it in the Table, in one of the lesser Columns, and the number standing against it in the greater Column, which number being found, multiply it by the number of Feet contained in the length of the Board; and from the product cut off three Figures towards the right hand, and the Figures remaining on the left hand will shew the number of Feet in the Board; and the Figures so cut off towards the right hand, the number of parts, as in the former example, the Breadth was 15 Inches, which

which found in the leſſer Column, againſt it in the great Column is 1 foot, 250 parts, which multiplied by 10 the Feet in length, the product will be 12,500, then cutting off three Figures to the right hand, as you ſee, the work will be as before, 12 Foot and a half, (or 5 or five Tenths is one half Foot, 25. one quarter, 75. three quarters, &c.

How to make this Table.

To the number of Inches in the breadth of your Board, add three Ciphers, and the product divide by 12. the number of Inches in one Foot in length; the quotient will ſhew the Feet, and the decimal parts of a Foot: As for Example, let the Breadth be 15 Inches as before, three Cyphers being added, it makes 15 0. which divide by 12. the quotient is 1, 250. as in the Margent doth appear.

00	
12	
030	
120000	2, 250
12222	
120	

How to meaſure Square Timber.

Multiply the Breadth by the Thickneſs, and then multiply that product by the Length, ſo ſhall you have ſolid content. Example, let the Breadth be 25 Inches, the Thickneſs 25 Inches; ſo by this means it will be juſt Square, 25 Inches multiplied by 25, the product is 625 Inches, which multiplied by the Length, 10 Foot, or 120 Inches, the product is 75000. which divide by 1728 the Inches in a ſolid Foot of Timber, the quotient will be 43, 40. or 43 Feet and four Tenths of a Foot; but for the eaſe of Young beginners, I will add this following Table, whereby much labour will be ſaved.

Inches

Inches Square.	Fo. Par.	Inches Square.	Fo. Par.	Inches Square.	Fo. Par.	Inches Square.	Fo. Par.
1	0, 007	10	0, 694	19	1, 507	28	3, 445
	0, 016		0, 765		1, 641		3, 670
2	0, 028	11	0, 840	20	1, 778	29	3, 840
	0, 043		0, 919		2, 918		4, 043
3	0, 062	12	1, 000	21	3, 062	30	4, 250
	0, 085		1, 085		3, 210		4, 460
4	0, 111	13	1, 174	22	3, 440	31	4, 673
	0, 140		1, 266		3, 516		4, 890
5	0, 174	14	1, 361	23	3, 673	32	5, 111
	0, 210		1, 460		3, 855		5, 353
6	0, 250	15	1, 562	24	4, 000	33	5, 562
	0, 293		1, 668		4, 166		5, 780
7	0, 340	16	1, 778	25	4, 340	34	6, 028
	0, 390		1, 891		4, 813		6, 263
8	0, 444	17	2, 007	26	4, 094	35	6, 507
	0, 502		2, 127		4, 877		6, 750
9	0, 562	18	2, 250	27	5, 065	36	7, 000
	0, 627		2, 377		5, 250		

The use of this Table differs not much from the other, for having the Square of your Timber-stick in Inches, and the Length in Feet, the content may thus be made. First, find the Inches Square in the first, third, fifth or seventh Column, take the number answering to it in the other Column, and multiply it by the Length in Feet, the product will shew the content; only observe that you cut off the three last Figures to the right hand, as I told you before: Let the piece of Timber be 25 Inches Square, as before, and the Length 10 Foot: First, I find 25 Inches in the fifth Column, and the number standing against it, is 4, 340. which multiplied by ten the Feet in Length, the product will be 43400. then cutting the three Figures off towards the right hand by a Comma, 43, 400. there will be 43, 300. that is 43 Foot, and 4 tenth parts of a Foot as before.

This

This Table was thus made *viz.* (by the Goulden Rule) As the Square of 12 Inches, which is 144. to the length of one Foot or parts 1, 000
to the Square of any other, as the Square of 25. which is 625
The Answer will be as before in the Table 4, 340

How to Measure Round Timber.

With a String take the Circumference of your Timber; stick about the middle thereof, then by the Circumference multiply 2821. and from the Product cut off the four last Figures to the Right hand; and the Figures so cut off towards the Left hand, sheweth the true Square answering to that Circumference: Which being known, you may easily by the Table of Timber measure find the true content of your Round Timber, as well as if it were Square.

Example, Let the Circumference be five Foot, eight Inches, or 68 Inches; multiply 2821. by 68, the product will be 19, 1828. then cutting off the four last Figures to the Right hand as you see with a Stroke, there will remain 19, to the Left hand, which is the true Square thereof. So if the Length be ten Feet, you shall find by the Table of Timber measure, against 19 Inches Square 2 Foot and 501 parts of a Foot; by which multiply ten, the Length in Feet; the Product will be 25, 070, that is, 25 Foot 7 Tenths of a Foot; which is the true content thereof.

FINIS.